

# **Bosnia and Herzegovina**

**Hunting association  
of Herzeg Bosnia**

**Central and Eastern Europe CIC  
Coordination Forum**

***Budapest, 8.-9.11.2017.***

**“Status of Jackal  
species in Bosnia and  
Herzegovina ”**

# Jackals (*Canis*):

## Classification:

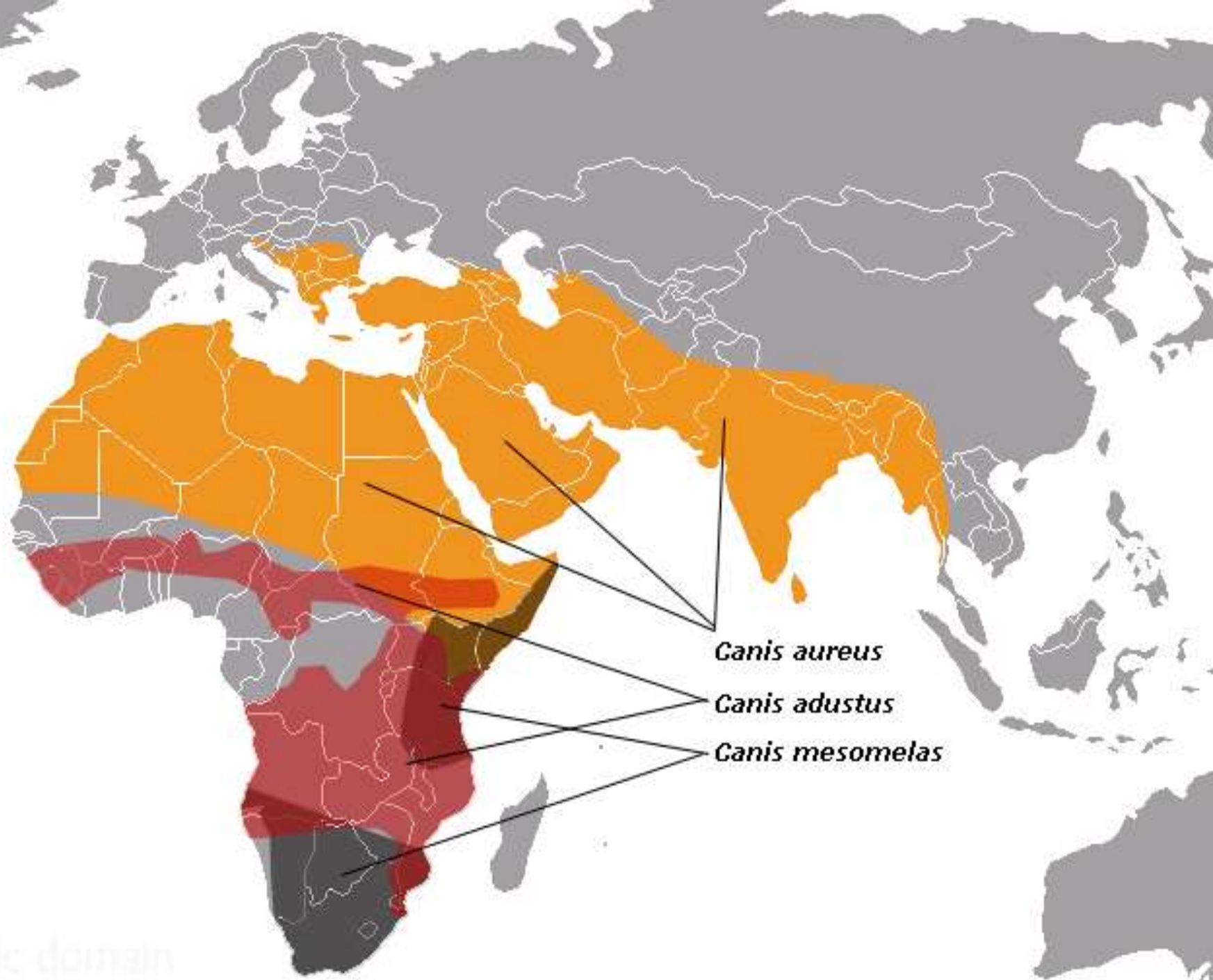
- **Class:** *Mammalia* (Mammals)
- **Order:** *Carnivora* (Carnivorans)
- **Family:** *Canidae* (Dog)
- **Genus:** *Canis*

## Species:

- *Canis aureus* – Golden jackal
- *Canis adustus* – Side-striped jackal
- *Canis mesomelas* – Black-backed jackal

# Species range:

- *Canis aureus* - Golden jackal: Southeast Europe, Southwestern Asia, South Asia, and regions of Southeast Asia
- *Canis adustus* – Side-striped jackal: East and Southern Africa
- *Canis mesomelas* – Black-backed jackal: Southern Africa and part of eastern coast (Kenya, Somalia, Djibouti, Eritrea, and Ethiopia)



*Canis aureus*

*Canis adustus*

*Canis mesomelas*

# Golden jackal - description:

- The heaviest of the jackals, it is the only species to live outside Africa.
- Medium-sized mammals of the genus *Canis*, beside wolf and fox it is the third canid species habited in BiH
- Length up to 120 cm, height up to 50 cm, weight up to 15 kg.
- Omnivorous, hunts small to medium sized animals. Its long legs and teeth are adapted to hunt small sized mammals, birds and reptiles. Active in the evening and at night. Very adaptable in terms of diet and climate conditions.
- Golden jackals are monogamous and sometimes hunt in packs. Their howl is very uncomfortable and reminds of human scream.

# Presence of golden jackal in BiH:

- The first specimen of golden jackal in BiH was registered in 1976 in West Herzegovina Canton in Zagorje - Posušje. It was shot by hunter Branko Jurišić.
- In 1980 second shooting of golden jackal is registered, this time by hunter Samir Gopo on the Vlašić Mountain, Central Bosnia Canton.

# Status in BiH:

- In period from 2010 to 2017 population of golden jackal in BiH has suddenly grown. There are only few areas with no registered appearance of golden jackals today.
- In mountain regions jackals are not permanently habited and while in the far south, north-east and in plain areas of northern and central Bosnia golden jackal is permanently present.
- Permanent presence of golden jackal is noticed in lowland areas rich in small sized animals and cervid species, while in south-eastern areas golden jackal appears occasionally and its numbers are oscillating.



# **Legal status:**

- **International regulations:**
  - **Conservation status-least concern**
- **Inland regulations:**
  - **Hunting act-unprotected specie**

# Economical status:

- **Until 2010 golden jackal was almost unnoticed in terms of hunting economy. Since its numbers have largely grown there is need for planned and organized approach in hunting this expanding specie.**
- **Until 2016 golden jackal was not included in ruling plans due to its relatively small population and legal status of unprotected specie.**
- **With arrival of golden jackal in hunting areas some species have become twice as endangered (hare, groundliving birds), as well as some species which did not have natural predators before.**
- **Population of golden jackal in most hunting areas in BiH is sustainable. In some hunting areas in north-eastern Bosnia and Bosnian Posavina population is growing towards upper limits of sustainability.**

# Status of golden jackal population for period from 2010 to 2017:

## STATUS OF POPULATION

PERIOD	QUANTITY	SHOT	TOTAL
2010. - 2017.	1.950	482	2.432

# Conclusions:

1. First golden jackal was registered 41 year ago (1976, Posušje), but consistent presence of golden jackal is noticed in 2010 when population started to expand and grow in numbers.
2. In terms of territory coverage there are three regional populations of golden jackal in BiH:
  - Northern plains population: The most widespread and biggest population of golden jackal in BiH, inhabits lowland areas of BiH from north-east and border with Serbia over Semberija i Majevica along the border with Croatia and river Sava across Bosnian Posavina and further west to Gradiška municipality.
  - Southern population: Inhabits southern areas of BiH, from seaside over Neum, Čapljina and Stolac municipalities. In this area golden jackal is present all the time but its population numbers are oscillating.
  - South-eastern population: Inhabits south-eastern borderline area with Serbia and Montenegro (Rudo and Foča). This population is always present but ist numbers vary as well.
3. Golden jackal population has not caused any damage to other species present in hunting areas across BiH but its expansion and growth in some areas are warning signs that planned measures should take place in further management of golden jackal.



**Thank you for attention!**